



March 1, 2005

3520-4800-32640-02
OGC - 05062

Murray Roth
Sr. Exploitation Engineer
Penn West Petroleum Ltd.
2200, 425 - First Street S.W.
CALGARY, AB T2P 3L8

Dear Mr. Roth:

**RE: WATER INJECTIVITY TEST; HALFWAY FORMATION
PENN WEST FIREBIRD a-98-D/94-H-2 (WA# 19124)**

The Commission has reviewed your application, dated February 22, 2005, requesting permission to conduct a temporary water injectivity test into the Halfway formation of the subject well.

Your request for temporary injectivity is considered appropriate, as it will provide necessary information to determine if the reservoir is suitable as a disposable zone. Following completion, and prior to injection, an attempt should be made to flow the well to test any hydrocarbon potential.

Approval for a temporary injectivity test is hereby granted under Part 8, Division 3, Section 94 of the *Drilling and Production Regulation*, subject to the following conditions:

1. The test injection interval must be in the Halfway.
2. The total volume of injected water must not exceed 100 m³.
3. The disposal/injection pressure at the sandface must not exceed the formation fracture pressure.

Please note that a notice of an application for salt water disposal, once received, would be published in the BC Gazette. Formal approval may be granted only if no valid objections are received by the closing date of the notice.

Sincerely,

Craig Gibson, P. Eng.
Director
Resource Conservation Branch

RGS

Approval Letters to Industry
GEP, SWD, CONCURRENT PROD,
PRESSURE MAINTENANCE,
WATERFLOOD, ETC.

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<input type="checkbox"/>	Wellfile (originals)
<input type="checkbox"/>	59240
<input type="checkbox"/>	Daily
<input type="checkbox"/>	Resource Revenue
<input type="checkbox"/>	S. Chlcorelli
<input type="checkbox"/>	R. Stefik
<input type="checkbox"/>	G. Farr
<input type="checkbox"/>	R. Slocomb
<input type="checkbox"/>	D. Krezanoski

RESOURCE CONSERVATION BRANCH

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